

## WASTEWATER TREATMENT PLANT MECHANIC II

### Class Definition

Under supervision, repairs, services, and maintains equipment, machinery and related apparatus at the City's Wastewater Treatment Plant facilities.

### Distinguishing Characteristics

Wastewater Treatment Plant Mechanic II is the journey level class in the Wastewater Treatment Plant Mechanic series. Incumbents perform the more complex assignments in the repair, service, and maintenance of Wastewater Treatment Plant equipment and machinery. This class differs from Wastewater Treatment Plant Mechanic I in that an incumbent of the latter performs at the entry level under close supervision. Wastewater Treatment Plant Mechanic II differs from Wastewater Treatment Plant Lead Mechanic in that the incumbent of the latter provides lead direction to lower level staff.

### Typical Tasks

(An incumbent may not be assigned all duties listed, nor do the examples cover all duties which may be assigned.)

Maintains and repairs a variety of equipment, machinery and control systems in the treatment plants to assure efficient plant operations.

Overhauls pumps, motors and other equipment; services equipment and machinery.

Diagnoses problems and makes necessary repairs; maintains records of work performed.

Installs or replaces equipment and machinery; participates in major plant installations and overhauls.

Services machinery and equipment through preventive maintenance by performing periodic lubrication, adjustment, cleaning, and inspections for worn parts.

Rebuilds pumps and other auxiliary equipment; performs plumbing and welding tasks in repairing equipment.

Performs related duties as required.

### Knowledge, Abilities, and Skills

Knowledge of the practices, methods, tools and materials of the mechanical, electrical, and welding trades.

Knowledge of the operation of pumps, motors, and related Wastewater Treatment Plant equipment and machinery.

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Knowledge of occupational and safety hazards and methods to perform duties safely and efficiently.

Ability to diagnose and correct operating malfunctions in mechanical and electrical equipment and systems, including multi-fuel internal combustion engines.

Ability to work from sketches, blueprints and/or oral instructions.

Ability to establish and maintain effective working relationships with supervisors and co-workers.

Skill in the use of tools and equipment of the mechanical, electrical, and welding trades.

### Minimum Qualifications

One (1) year of experience equivalent to that gained as a Wastewater Treatment Plant Mechanic I in the City service.

### Necessary Special Requirements

Possession of a valid California Driver's License at time of appointment.

Valid California Water Pollution Control Association Mechanical Technologist Grade III certification is desirable.

APPROVED: \_\_\_\_\_

Director of Personnel

DATE: \_\_\_\_\_

MR:MA:sn/O5/31/88

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